

**In the Abstract**

(Currently Amended) An electronically controlled disc brake with self-servo effect comprises a ramp plate (2) provided with a brake pad (3) for engagement with a brake disc (1), an actuator (14) for applying a control force on the ramp plate substantially transverse to the brake disc, a ramp bridge (4), and rollers (6) movable in ramps (2', 4') in surfaces facing each other of the ramp plate (2) and the ramp bridge (4). The arrangement of these members is such that a movement of the ramp plate (2) in the tangential direction of the brake disc (1) will cause it to move towards or away from the brake disc.